

Brendan Dahl

Cell Phone: (303) 523-1119
brendan.dahl@gmail.com
26 SE 30TH PL
Portland, OR 97214

Education

B.S. Computer Engineering
-Minor in Computer Science

Colorado State University, Fort Collins, CO 8/2004-5/2008
GPA: 3.082

Skills & Coursework

Languages

- Java
- PHP
- Javascript
- C/C++
- C#
- Python

Tools/Software

- SQL (MySQL/MSSQL)
- Unit Testing (PHPUnit, Junit)
- Version Control (Git, SVN, Mercurial)
- Build Systems (Ant, Make)
- MVC (CakePHP, Symfony)
- Web 2.0 AJAX (jQuery, Closure)

Coursework

- Artificial Intelligence
- Compilers
- Embedded Systems (VHDL)
- Microprocessors
- Software Development Methods
- System Architecture

Senior Design Team Leader, "Simpooch"

- Created a virtual dog model with Python and X3D that allowed veterinary students to practice canine acupuncture using a haptic device

Open Source Work

Trapeze, <http://code.google.com/p/trapeze-reader/>

November 2010 - *present*

Creator

- Built a browser based PDF viewer with Javascript utilizing many HTML5 features such as canvas, web workers, drag and drop files

Work Experience

Total Benchmark Solution, Fort Collins, CO

June 2007 - *present*

Software Developer

- Developed distributed data warehouse/calculation system for health care companies with PHP, MySQL, JQuery and extensions for MySQL and PHP in C. (now used by a Top 20 Fortune 500 company)
- Led creation of a Web 2.0 scorecard system for visualizing statistics from the data warehouse above
- Designed Model View Controller(MVC) framework and Object Relation Mapper(ORM) used throughout the company for consistent development practices
- Worked on client side rules processing engine and data conversion application in C# with Model View ViewModel (MVVM) framework, Window Presentation Foundation(WPF), and NHibernate ORM

Avaya Inc, Westminster, CO

May 2006 - Aug 2006

Software Test Intern

- Created a guide and tool for helping with Java exceptions in Avaya's Application Enablement Service allowing 3rd party developers to quickly understand problems

Content Retriever, Fort Collins, CO

April 2005 - May 2007

Head of Web Development

- Built server application with targeted ad system, user statistics, and user/content management system

Xyrka Consulting, xyrka.com, Denver, CO

March 2001 - *present*

Founder

- Providing web development and data migration solutions to clients

Bureau of Land Management, Denver, CO

June 2000 - 2005

Co-webmaster Intern

- Assisted in a national pilot program to develop standards for layout, software used, and other development practices for all BLM state websites